



5/13/03
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

YAMAOKA et al.

Group Art Unit: 1725

Serial No: 09/926,003

Examiner: M. ELVE

Filed: August 13, 2001

For: WELDING SOLID WIRE WITH HIGH FEEDING PERFORMANCE

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is in response to the Official Action of November 6, 2002, in connection with the above-identified application.

Please amend the above identified application as follows.

IN THE CLAIMS:

Please add the following new claim to the application.

3(New). In an method of producing a copper plated arc welding solid wire which includes drawing the wire through a series of vertical and transverse rollers after wet drawing the wire, wherein the improvement comprises controlling the stability of the elastic limit ratio without fine wound deformation in the wire wherein the elastic limit ratio is controlled by installing 3 to 8 elastic limit ratio control vertical rollers and 3 to 8 elastic limit control transverse rollers which have a ratio D/d equal to 40 to 60 wherein D is roller diameter and d is wire diameter following coil control with vertical and transverse rollers after final drawing.